

Third Addition to the Supplemental List of Macrolepidoptera of New Jersey

JOSEPH MULLER

R. D. 1, LEBANON, NEW JERSEY 08833

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Abstract: In this list 43 species, subspecies and named aberrations with larval hostplant, where known, are added to the Supplemental List of Macrolepidoptera of New Jersey, 1965.

Saturniids sphingids, *Catocala* and some species of butterflies are scarcer than ever in the Lebanon area for no explainable reason. Therefore most of my collecting was done in south New Jersey. Thanks to the help of lepidopterist friends these new records for the state have been possible. I want to thank especially Dr. C. B. Worth who is so kind as to let me use his 178 acre farm located at Eldora, Cape May Co., where I put up several black lights and bait traps. His farm consists of extensive woods, field, orchard and flower garden. He also collects for me when I am not there myself. I am also grateful to Dr. J. P. Reed of Rutgers College of Agriculture, who gave me rare records of specimens collected in light traps in south New Jersey.

Again checklist numbers and classification for moths are taken from McDunnough, 1938. Checklist numbers for butterflies follow dos Passos (1964-70). Specimens not followed by the name of a collector were caught by the author. All specimens from Eldora were caught by the author with the collaboration of Dr. Worth.

BUTTERFLIES

Papilionidae

Papilio Linnaeus

248 *polixenes* Fabricius; ab. "calverleyi" Grote. Toms River, June 10. Lemmer. General feeder on Umbelliferae.

Nyphalidae

Melitaea Bates

592 *phaeton* Drury; ab. "phaethusa" Hulst. Johnsonburg, July 14. Adelberg. *Chelone glabra*.

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MOTHS

Sphingidae

Pholus Hübner

776 *fasciatus* Sulzer; Lebanon, Sept. 7. New Egypt, Sept. 3. Rutgers.

Nolidae

Sarbena Walker

897-1 species according to Forbes. Lebanon, June 11. Eldora, June 4.

Arctiidae

Crambidia Packard

908 *uniformis* Dyar; Seabrook, June 26. Rutgers.

Cisthene Walker

934 *tenuifascia* Harvey; Eldora, June 5.

936 *unifascia* Barnes & Benjamin; a *kentuckiensis* Dyar. Cedarville, July 8. Rutgers.

941 *injecta* Dyar; Eldora, June 5.

Ecpantheria Hübner

1085 *deflorata* Fabricius; a *denudata* Slosson. Short Hills, Aug. 3. Low plants.
form *confluens* Oberthur; Lebanon, June 26.

Phalaenidae (Noctuidae)

Acronicta Ochsenheimer

1180 *spinigera* Guenée; Lebanon, June 8, Sept. 17.

1184 *pruni* Harrison

form *prunata* Barnes & Benjamin; Lebanon, May 19, Short Hills, July 29. On apple.

Hadeninae

Meliana Curtis

1968 *flabilis* Grote; Eldora, June 22.

1970 *linita* Guenee; Thorofare, July 10. Rutgers.

Leucania Ochsenheimer

1996 *rubripallens* Smith; Martinsville, March 31. Rutgers.

1998 *oxygala* Grote; Hazlet, June 6. Rutgers.

Cuculiinae

Cucullia Schrank

2036 *alfarata* Strecker; Eldora, Aug. 16. Aster.

Graptolitha Hübner

2234 *baileyi* Grote; Lakehurst, Oct. 16. Cadbury III. Choke Cherry.

Amphipyriinae

Luperina Boisduval

2387 *stipata* Morrison; Eldora, July 23. Stalk borer.

Oligia Hübner

2412-1 *crytora* Franclemont; Short Hills, June 19.

Spartiniphaga McDunnough

2436 *inops* Grote; Batsto, Sept. 22. Schweitzer. Larva in *Spartina*.

Hypocoena Hampson

2448 *inquinata* Guenée; Columbia, July 17. Rutgers.

Elaphria Hübner

2643 *nucicolora* Guenée; Batsto, Nov. 10. Carter & Schweitzer.

Prodenia Guenée

2681 *eridana* Cramer; Eldora, Nov. 6.

Stibadium Grote

2779 *spumosum* Grote; Delanco, July 28. Thorofare, July 30. Rutgers. No locality or date in Smith's list.

Heliothiinae

Heliothis Ochsenheimer

2927 *lupata* Grote; Indian Mills, Aug. 14. Thorofare, Aug. 10. Rutgers. Grasses.

2929 *paradoxa* Grote; Masonville, July 5. Rutgers.

Catocalinae

Zale Hübner

3492 *bethunei* Smith; Lebanon, July 17. Scrub pine, *Pinus virginiana*.

3494-1 *confusa* McDunnough; Batsto, April 5, May 11. Schweitzer. Probably *Pinus echinata*.

Melipotis Hübner

3549 *indomita* Walker; Adelphia, June 30. Rutgers. Mesquite.

Metalectra Hübner

3655 *diabolica* Barnes & Benjamin; Lakehurst, Aug. 18.

Herminiinae

Camptylochila Stephens

3725 *aemula* Hübner; ab. "herminoides" Walker. Lebanon, Oct. 13.

Xylormisa Forbes

3777 *louisiana* Forbes; Eldora, Aug. 5.

Hyblacinae

Hyblaea Fabricius

3814 *puera* Cramer; Egerstown, Sept. 31. Rutgers.

Lasiocampidae

Epicnaptera Rambur

3999 *americana* Harris; form *ferruginea* Packard. Montague, July 13. Apple, birch, poplar.

Zanolidae (Eupterotidae)

Apatelodes Packard

4001 *torrefacta* Abbot & Smith; a *floridana* Hy. Edwards. Masonville, July 5. Rutgers.

Geometridae

Sterrhinae

Sterrha Hübner

4192 *punctofimbriata* Packard; Eldora, July 17.

Larentiinae

Eupithecia Curtis

4287 *palpata* Packard; Lebanon, May 8. Pine and spruce.

Ennominae

Hesperumia Packard

4801 *sulphuraria* Packard; form *baltearia* Hulst. Montague, July 22. *Ceanothus*, also Snowberry.

Anacamptodes McDunnough

4915 *defectaria* Guenée; Eldora, Dec. 4. Poplar, willow.

Hulstina Dyar

4932 *inconspicua* Hulst; Lebanon, March 24.

Metarranthis Warren

5050 *duaria* Guenée; form *hamaria* Guenée. Eldora, June 22. Wild Cherry, blueberry.

Apicia Guenée

5180 *fundaria* Guenée; Eldora, Oct. 27.

Literature Cited

- COMSTOCK, WILLIAM P. 1940. Butterflies of New Jersey. Jour. N.Y. Ent. Soc. **48**: 47-84.
- DOS PASSOS, CYRIL F. 1964. A Synonymic List of the Nearctic Rhopalocera. Memoirs of the Lepid. Soc., No. 1.
- FERNALD, MERRITT L. 1950. Gray's New Manual of Botany, eighth edition.
- FORBES, WILLIAM T. M. 1923-1960. Lepidoptera of New York and Neighboring States, Parts II, III and IV. New York Agr. Exp. Sta. at Cornell, Ithaca, N.Y.
- KLOTS, ALEXANDER B. 1951. A Field Guide to the Butterflies. Cambridge, Mass.
- MCDUNNOUGH, JAMES H. 1938. Check List of the Lepidoptera of Canada and the United States of America. Part I, Macrolepidoptera. Southern California Academy of Sciences.
- MULLER, JOSEPH. 1965. Supplemental List of Macrolepidoptera of New Jersey. Jour. N.Y. Ent. Soc., **73**: 63-77.
- . 1968. Additions to the Supplemental List of New Jersey Macrolepidoptera. Jour. N.Y. Ent. Soc., **76**: 303-306.
- . 1973. Second Addition to the Supplemental List of Macrolepidoptera of New Jersey. Jour. N.Y. Ent. Soc., **81**: 66-71.
- SMITH, JOHN B. 1910. Report of New Jersey State Museum for 1909. Trenton.